

## PATENT ABSTRACTS OF JAPAN

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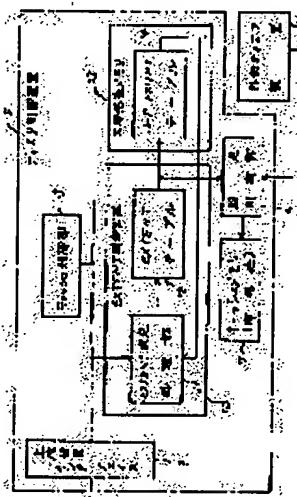
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## (54) DATA RECOVERY SYSTEM FOR CACHE MEMORY LOADING DEVICE

## (57)Abstract:

PURPOSE: To prevent processing efficiency from being temporarily decreased by developing data corresponding to an accessed EXTENT having one highest order to a cache memory at high speed when starting a device after power supply is interrupted during a processing.

CONSTITUTION: The device equipped with a volatile cache memory 7 and a cache control part 3 is equipped with a non-volatile memory 3 and an EXTENT control circuit 10 to control the EXTENT, and when the EXTENT control circuit 10 detects the access of the EXTENT having the highest priority order, information with the EXTENT is stored in the non-volatile memory 3. When the power supply is interrupted during the processing, in the case of starting the device after the interruption, the data corresponding to the accessed EXTENT having the highest priority order is transferred from an outside disk device 8 to the cache memory 7 and written by using the EXTENT information stored in the non-volatile memory 13.



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